

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims.

**Listing of the Claims:**

**1-23.** (Canceled)

**24.** (Currently Amended) ~~A~~ The peptide of Claim 23 having at least 92% sequence identity to the amino acid sequence of SEQ ID NO: 137.

**25.** (Currently Amended) The peptide of claim 24, wherein the peptide having at least 92% sequence identity comprises the amino acid sequence of SEQ ID NO: 55, 67, 70, 73, 82, 83, 84, 89, 94, 100, 103, 106, 107, 111, 112, 125, 133, or 137.

**26.** (Currently Amended) ~~A~~ The peptide of Claim 24 having at least 95% sequence identity to the amino acid sequence of SEQ ID NO: 137.

**27.** (Previously Presented) The peptide of Claim 26, wherein the peptide having at least 95% sequence identity comprises the amino acid sequence of SEQ ID NO: 40, 42, 43, 46, 47, 48, 54, 64, 65, 68, 69, 74, 78, 79, 80, 81, 85, 90, 91, 92, 93, 95, 96, 97, 98, 99, 101, 102, 109, 118, 119, 121, 130, or 137.

**28.** (Previously Presented) A peptide having at least 95% sequence identity to the amino acid sequence of SEQ ID NO: 43.

**29.** (Previously Presented) The peptide of claim 28, wherein the peptide having at least 95% sequence identity comprises the amino acid sequence of SEQ ID NO: 43 or 137.

**30.** (Currently Amended) The peptide of claim 24, 12, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.

**31.** (Canceled)

**32.** (Currently Amended) The peptide of claim 29, 28, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.

**33.** (New) A peptide comprising the amino acid sequence of SEQ ID NO:137.

**34.** (New) The peptide of claim 33, wherein the peptide is linked to a polyethylene glycol polymer, a polyamino acid, or a fatty acid.